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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Samuel C. Silverstein, et al.

Serial No.: 09/658,698

Filed : September 8, 2000

For : A NOVEL METHOD FOR USING PHAGOCYTIC PARTICLES AND ATP RECEPTORS TO DELIVER ANTIGENS TO MHC CLASS I RECEPTORS TO INDUCE IMMUNITY AGAINST MICROBIAL PATHOGENS OR TUMORS OR TO SUPPRESS IMMUNITY

1185 Avenue of the Americas
New York, NY 10036
December 12, 2001

Hon. Commissioner for Patents
P.O. Box 2327
Arlington, Virginia 22202

Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with their duty of disclosure under 37 C.F.R. §1.56, applicants would like to direct the Examiner's attention to the following documents, which are listed on Form PTO-1449 (**Exhibit A**). Copies of the documents listed below as items 1-9 are attached hereto as **Exhibits 1-9**, respectively.

1. Buckner, F.S., et al. (1997) "Trypanosoma cruzi infection does not impair major histocompatibility complex class I presentation of antigen to cytotoxic T lymphocytes", Eur J Immunol., 27(10):2541-2548 (Exhibit 1).

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2. Coutinho-Silva, R., et al. (1999) "P2Z/P2X7 receptor-dependent apoptosis of dendritic cells", Am. J. Physiol., 276(5):C1139-C1147 (Exhibit 2).
3. Fratazzi, C., et al. (1997) "Programmed cell death of Mycobacterium avium serovar 4-infected human macrophages prevents the mycobacteria from spreading and induces mycobacterial growth inhibition by freshly added, uninfected macrophages", J. Immunol., 158(9):4320-4327 (Exhibit 3).
4. Lin, W.C., et al. (1990) "Bacterial lacZ gene as a highly sensitive marker to detect micrometastasis formation during tumor progression", Cancer Res., 50(9):2808-2817 (Exhibit 4).
5. MacKenzie, A.B., et al. (1999) "Functional and molecular diversity of purinergic ion channel receptors", Ann. N.Y. Acad. Sci., 868:716-729 (Exhibit 5).
6. Mellman, I., et al. (1998) "Antigen processing for amateurs and professionals", Trends in Cell Biol., 8(6):231-237 (Exhibit 6).
7. Mutini, C., et al. (1999) "Mouse dendritic cells express the P2X7 purinergic receptor: characterization and possible participation in antigen presentation", J. Immunol., 163(4):1958-1965 (Exhibit 7).

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8. Steinberg, T.H., et al. (1987) "ATP4- permeabilizes the plasma membrane of mouse macrophages to fluorescent dyes", J. Biol. Chem., 262(18):8884-8888 (Exhibit 8).
9. Zambon, A., et al. (1994) "Role of extracellular ATP in cell-mediated cytotoxicity: a study with ATP-sensitive and ATP-resistant macrophages", Cell Immunol., 156(2):458-467 (Exhibit 9).

If a telephone interview would be of assistance in advancing prosecution of the subject application, applicants' undersigned attorney invites the Examiner to telephone at the number provided below.

No fee is deemed necessary in connection with the filing of this

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Information Disclosure Statement. However, if any fee is required, authorization is hereby given to charge the amount of any such fee to Deposit Account No. 03-3125.

Respectfully submitted,



John P. White
Registration No. 28,678
Alan J. Morrison
Registration No. 37,399
Attorneys for Applicants
Cooper & Dunham LLP
1185 Avenue of the Americas
New York, New York 10036
(212) 278-0400

